



SEQUENCE LISTING

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TECH CENTER 1600/2900

<110> Tirrell, David A
Tang, Yi

<120> A METHOD FOR STABILIZATION OF PROTEINS USING
NON-NATURAL AMINO ACIDS

<130> 30431.5US01

<140> 09/620,691

<141> 2000-07-20

<150> 60/191,640

<151> 2000-03-23

<160> 5

<170> PatentIn Ver. 2.1

<210> 1

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
Oligonucleotide primer

<400> 1

gtggagatga ctcatctccg g

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:
Oligonucleotide primer

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tggagatgac gtcatctcct

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<210> 3

<211> 22

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:
Oligonucleotide primer

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gatcccaaca cgtgttgga tc

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<211> 33
<212> PRT
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<223> Description of Artificial Sequence: GCN4-p1
peptide fragment

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Arg Met Lys Gln Leu Glu Asp Lys Val Glu Glu Leu Leu Ser Lys Asn
1 5 10 15

Tyr His Leu Glu Asn Glu Val Ala Arg Leu Lys Lys Leu Val Gly Glu
20 25 30

Arg

<210> 5
<211> 73
<212> PRT
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Leucine-zipper
peptide designated A1

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1 5 10 15

Asp Leu Glu Asn Glu Tyr Ala Gln Leu Glu Arg Glu Val Arg Ser Leu
20 25 30

Glu Asp Glu Ala Ala Glu Leu Glu Gln Lys Val Ser Arg Leu Lys Asn
35 40 45

Glu Ile Glu Asp Leu Ala Glu Ile Gly Asp Leu Asn Asn Thr Ser Gly
50 55 60

Ile Arg Arg Pro Ala Ala Lys Leu Asn
65 70